

1-15478

14. An electrochromic element according to Claim 10, wherein the sealing strand possesses a specific conductivity of less than  $10^{-13} \Omega^{-1} \cdot \text{cm}^{-1}$ .

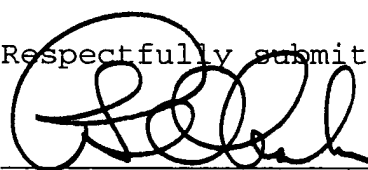
## REMARKS

Applicant has amended the specification and claims to eliminate multiple dependencies and adapt the specification and claims to U.S. patent practice. A separate marked-up version of the change made to the claims is attached hereto entitled "Version With Markings To Show Changes Made".

Claims 1-12 have been amended. New claims 13 and 14 have been added. Claims 1-14 are currently pending in the present application. No new matter has been added by any of these amendments.

Favorable consideration of the application as amended is respectfully requested.

Respectfully submitted,



Phillip S. Oberlin  
Registration No. 19,066

ATTORNEYS

MARSHALL & MELHORN, LLC  
Four SeaGate - 8th Floor  
Toledo, Ohio 43604  
Phone: (419) 249-7145  
Fax: (419) 249-7151

1-15478

**Version With Markings To Show Changes Made**

1. (Amended) [Electrochromic] An electrochromic element with an electrochromic arrangement enclosed between two plane substrates, which comprises at least two electrode layers, one electrochromic layer, one ion storage layer, and one polymer electrolyte layer formed in situ, where the polymer electrolyte layer adjoins a sealing element at the edge of the electrochromic element[. characterized in that] , wherein the sealing element [consists of] comprises a plastically deformable liquid impermeable adhesive strip [(8)] of a polyacrylate, arranged between the two plane substrates [(1, 2)] and adjoining directly the polymer electrolyte layer [(7)], as well as of a sealing strand [(9)] adjacent thereto on the outside, [consisting of] comprising a gas impermeable sealant chemically compatible with the adhesive strip [(8)].
2. (Amended) [Electrochromic] An electrochromic element [in accordance with] according to Claim 1, [characterized in that] wherein the adhesive strip [(8)] is formed of a polyacrylate tape.

1-15478

3. (Amended) [Electrochromic] An electrochromic element [in accordance with] according to Claim 1 [or 2, characterized in that], wherein the adhesive strip [(8)] possesses a width of at least 5 mm.
4. (Amended) [Electrochromic] An electrochromic element [in accordance with] according to Claim 3, [characterized in that] wherein the adhesive strip [(8)] possesses a maximum width of 20 mm.
5. (Amended) [Electrochromic] An electrochromic element [in accordance with one of the foregoing claims, characterized in that] according to Claim 1, wherein the adhesive strip [(8) consists] comprises of a polyacrylate with a maximum water content of 0.3 weight percent, preferably less than 0.05 weight percent.
6. (Amended) [Electrochromic] An electrochromic element [in accordance with one of the foregoing claims, characterized in that] according to Claim 1, wherein the adhesive strip [(8) consists of] comprises a polyacrylate with a glass transition temperature below 10°C.

1-15478

7. (Amended) [Electrochromic] An electrochromic element [in accordance with one of the foregoing claims, characterized in that] according to Claim 1, wherein the sealing strand [(9) consists of] comprises a polyisobutylene or butyl rubber based butyl sealant.
8. (Amended) [Electrochromic] An electrochromic element [in accordance with] according to Claim 7, [characterized by the fact that] wherein the sealing strand [(9)] possesses a specific conductivity of less than  $10^{-9} \Omega^{-1} \cdot \text{cm}^{-1}$ , [preferably less than  $10^{-11} \Omega^{-1} \cdot \text{cm}^{-1}$ ] and a water vapor permeability according to DIN 53122-1.2 of less than  $0.5 \text{ g} \cdot \text{m}^{-2} \cdot \text{d}^{-1}$ .
9. (Amended) [Electrochromic] An electrochromic element [in accordance with one of Claims 1 to 6, characterized in that] according to Claim 1, wherein the sealing strand [(9) consists of] comprises an epoxy sealant.

1-15478

10. (Amended) [Electrochromic] An electrochromic element [in accordance with] according to Claim 9, [characterized in that] wherein the sealing strand [(9)] possesses a specific conductivity of less than  $10^{-11} \Omega^{-1} \cdot \text{cm}^{-1}$ , [preferably less than  $10^{-13} \Omega^{-1} \cdot \text{cm}^{-1}$ ,] and a water vapor permeability according to DIN 53122-1.2 of less than  $4.0 \text{ g} \cdot \text{m}^{-2} \cdot \text{d}^{-1}$ .
11. (Amended) [Electrochromic] An electrochromic element [in accordance with one of the foregoing claims, characterized in that] according to Claim 1, wherein the sealing strand [(9)] is adjoined by at least one further sealant strand [(10)], in particular one with polysulfide base.
12. (Amended) [Electrochromic] An electrochromic element [in accordance with one of the foregoing claims, characterized in that] according to Claim 1, wherein the polymer electrolyte layer [(7)] comprises at least one (meth)acrylic ester, at least one plasticizer and at least one polymerization initiator.